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TITLE: Epoxidised ethylene-alpha-olefin copolymer  
thermoplastic compsn. - having at least one per cent of double  
bonds epoxidised, used as reforming agent, dispersion agent,  
etc.

PRIORITY-DATA: 1990JP-0104643 (April 20, 1990)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 04004204 A	January 8, 1992	N/A	000	N/A

INT-CL (IPC): C08F 8/08; C08L 23/26

ABSTRACTED-PUB-NO: JP04004204A

## BASIC-ABSTRACT:

In the epoxidised low mol. wt. ethylene-alpha-olefin copolymer (I) at least 1% of double bond is epoxidised in the non-conjugated diene component in the random low mol. wt. copolymer, consisting of an ethylene, 3-20 C alpha-olefin and non-conjugated diene, consisting of (A) 30-75 mol% ethylene content and 25-70 mol% alpha-olefin content and (B) non-conjugated diene content is 3-100 measured on the basis of alpha-olefin content.

Pref. content of thermoplastic resin is 100 pts. wt., epoxidised low mol. wt. ethylene-alpha-olefin copolymer of is 1-8- wt. pts. and high mol. wt. ethylene-alpha-olefin copolymer is 0-80 wt. pts.

USE/ADVANTAGE - Used as a reforming agent, reforming aid, lubricant additive, dispersion aid, adhesive, sealant. Prod. has good impact resistance and mouldability with a good surface.